

SAMSUNG

Wi-Fi

bg



SMT-W6100

User Guide

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SAFETY CONCERNS

For product safety and correct operation, the following information must be given to the operator/user and shall be read before the installation and operation.

Conventions/Symbols



Warning

Provides information or instructions that the reader should follow in order to avoid personal injury or fatality.



Indication of a general caution.



Caution

Provides information or instructions that the reader should follow in order to avoid a service failure or damage to the system.



Indication for prohibiting an action for a product.



Note

Indicates additional information as a reference.



Indication for commanding a specifically required action.



WARNING



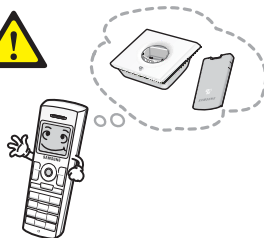
Do not connect conductive objects, such as neckless or coins, to the charging terminals of the battery(metallic part).

The object may explode and cause fire due to overheating.



Wireless phones can cause interference. Meet any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger (in a hospital for example).

It may cause interference or danger.



Use only the batteries and accessories provided with the SMT-W6100 phone.

Using other batteries and accessories can result in overheating or explosion and may cause malfunction.



Do not place the phone in a dusty area or in fluctuating temperature environments.

It may cause a fire or electric shocks.



Do not install the phone near a heater (cigarette lighter, heating apparatus, etc.).

It may cause a fire or electric shocks.



Do not use the phone at a refuelling point (service station) or near fuels or chemicals.

It may cause a fire or electric shocks.



Do not use inflammable solvent or material near the phone. Do not store them near the phone.

It may cause a fire or electric shocks.

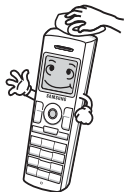


The battery shall be used only for the SMT-W6100 phone.

Using the battery for other purposes may cause malfunction, a fire, or electric shocks.



CAUTION



Use a soft dry cloth to clean the phone. Do not use any chemical solvents like wax, benzene, alcohol, thinner, mosquito spray, aerosol, lubricant, or detergent.

The use of chemicals on the phone may cause fading/discoloring or damage to the parts.



Do not separate, repair nor remodel the phone arbitrarily. Only qualified service personnel may install or repair your phone.


For more detailed safety information, see 'Health and Safety Information' section of this guide.



Do not install the phone on an unstable place or near the direct rays of sunlight.

It may cause severe damage to the parts of the phone, and your phone may not work properly.



Ensure the phone is switched on and in service. Key in the emergency number for your present location, then press the  key. If certain features are in use, deactivate those features before you can make an emergency call.

Give all the necessary information as accurately as possible.
Do not cut off the call until given permission to do so.



Use only in the normal position(held to the ear).

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PREPARATION

About This Guide

This user guide provides instructions for the use of Samsung's latest SMT-W6100 Wi-Fi phone. Please take the time to study this guide to become familiar with the operation of your SMT-W6100 and the benefits this new phone can provide.

Keep this guide handy. You may need to look up instructions for infrequently used features.

Overview of SMT-W6100

SMT-W6100 is a wireless phone for residential use.

It supports both of the IEEE 802.11 b/g standard and VoIP(Voice over IP) technologies.

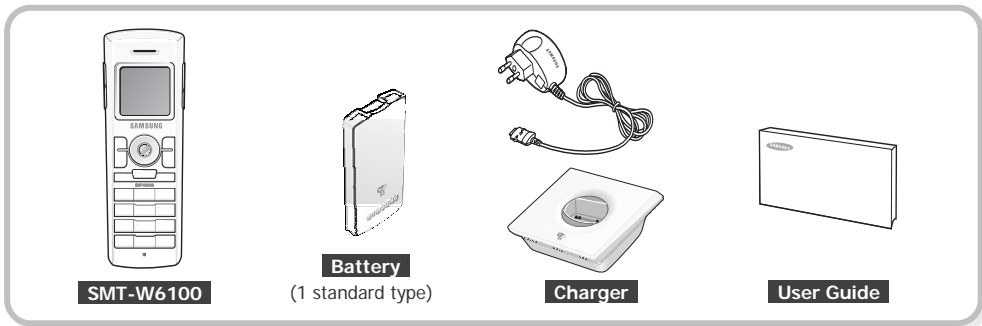
In the functional point of view, SMT-W6100 provides a variety of functions such as call service, messaging service(SMS, EMS, MMS and IM), internet radio, browser, record management, utilities, phonebook management and so on.

SMT-W6100 will guide you to a new paradigm for future communication service.



Unpacking

After purchasing the SMT-W6100 phone, you have to check that the following items have been packed in the box.



The items supplied with your phone may be different depending on the country.

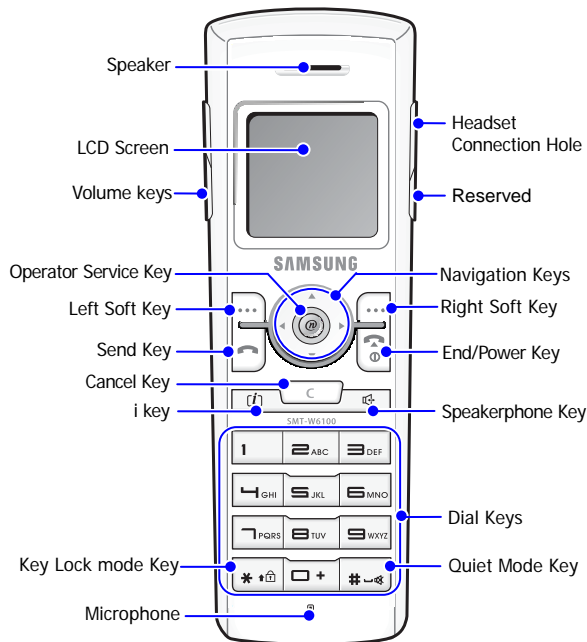
In addition, you can obtain the following accessories for your phone from your local Samsung dealer:

- Wearable Ear-Microphone








Phone Layout

The following figure shows the main elements of your phone.









Key Description

Key(s)	Description
 Soft keys	Perform the functions indicated by the text above them, on the bottom line of the display.
 Navigation Keys (up/down/left/right)	<p>In Menu Mode: Scroll through the menu options.</p> <p>In Idle Mode:</p> <ul style="list-style-type: none"> - Left key enters the Voice mail server connection screen. - Right key enters the SMS main menu screen
 Operator Service key	Press and hold this button until the mode is converted into the service menu. Press the button to convert into the browser function shortly.
 Send key	<p>Makes or answers a call.</p> <p>In Idle Mode, accesses the call log list.</p> <p>In Menu Mode, selects a menu function or stores information that you have entered, such as a name in the phone or SIM memory.</p>
 Cancel/Back/Correction key	<p>Deletes characters from the display.</p> <p>When pressed and held in Idle Mode, quickly accesses the New memo screen.</p> <p>In Menu Mode, returns to previous menu.</p>





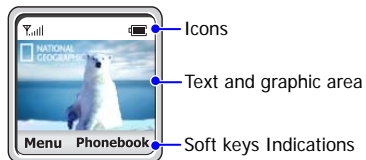
Button	Description
 End key	<p>Ends a call.</p> <p>When pressed and held, switches the phone on or off.</p> <p>In menu Mode, cancels your input and returns to Idle Mode.</p>
	<p>When pressed and held in Idle Mode, quickly accesses your voice mail server.</p>
	<p>Enter numbers, letters and some special characters.</p>
	<p>Used for various purposes in different functions.</p> <p>When pressed and held while entering a phone number, * key insert 'P'(pause). The number before 'P' means the dialing number and the number after 'P' means the DTMF digit after call set-up is completed.</p> <p>When pressed and held in Idle Mode, the # key enters or exits the Quiet Mode and * key enters the Key Lock Mode.</p>
Volume keys	<p>(On the left side of the phone)</p> <p>During a call, adjust the earpiece volume.</p> <p>In Idle Mode, adjust the key tone volume.</p> <p>In the capture mode, flip the picture up and down.</p>
 i Key	<p>Converts into Internet-Radio mode.</p>
 Speakerphone Key	<p>Converts into speakerphone mode.</p>



Display

Display Layout










The display has three areas:









Area	Description
First line	Displays various icons. See 'Icon Description' section of this guide.
Middle lines	Display messages, instructions and any information that you enter, such as number to be dialed.
Last line	Shows the functions currently assigned to the two soft keys.



Icon (Display) Description

Icon	Features
	Shows the received signal strength. The more the number of bars, the stronger the signal.
	Appears when a call is in progress.
	Appears when you are out of a service area. When it displays, you cannot make or receive calls.
	Appears when you have new or unchecked voice messages.
	When a message is received.
	Appears when you have new or unchecked multimedia messages.
	Appears when you are retrieving a multimedia message.
	Appears when you set the alarms to ring at a specified time.
	Appears when you set the alert type for incoming calls to Vibration or Vibration then melody.

Icon	Features
	Appears when the Quiet Mode is active.
	Appears when your phone is connected to the Access Point.(You can not make a call yet).
	Appears when the phone is registered to the network. You can make or receive calls.
	Appears in speaker phone mode.
	Appears when your phone is logged in the presence server.
	Shows the level of your battery. The more bars you see, the more power you have left.





Dimming Mode

If you don't press any key in a given period of time which you can set in the Backlight menu option(Menu 6.2.3), the backlight turns to dim to save the power. Press any key to awake the display from the Dimming Mode.

Clock Mode

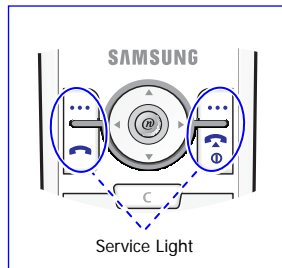
If you don't press any key in a minute after dimming of the display, the display goes into the Clock Mode to save the power. Press any key to awake the display from the Clock Mode.

Backlight

The display and the keypad are illuminated by a backlight. When you press any key, the backlight illuminates. It turns off if you don't press any key within a given period of time, depending on the Backlight menu option.

Service Light

The service light's activity depends on the Service light menu option. See 'Service light(Menu 6.4.5)' section of this guide. The operation(On/Off) of service light is also selectable from the Settings menu.



PREPARATION

GETTING STARTED



Before to Start

Installation of SMT-W6100 charger

After having decided where to install the charger see the following instructions:

- Put the adapter's jack into the round plug of the charger.
- Put the adapter in a 100/220 V plug.

Technical Data

The adapter and the charger have the following working values:

Adapter	100/240 VAC, 50/60 Hz	150 mA
	5.0 VDC	700 mA
Charger	5.0 VDC	700 mA

SMT-W6100 Recharge

In order to recharge the battery of your handset see the following instructions:

- Put the handset into the charger.



GETTING STARTED

Installing/Removing/Charging the Battery

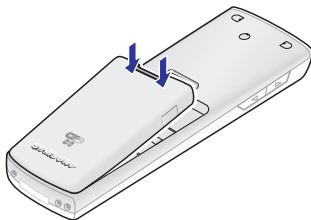
Your phone is powered by a rechargeable Li-ion battery. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.




You must fully charge the battery before using your phone for the first time.
A discharged standard battery is fully recharged in approximately 3.5 hours.

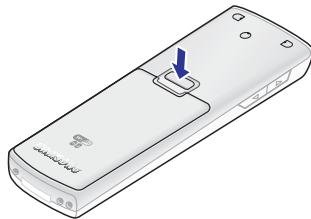
Installing the Battery

1. Put the lower part of your battery, and then install the battery by pressing the upper part.

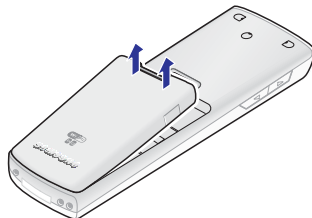


Removing the Battery

1. Switch off the phone by pressing and holding the  key.
2. Press the button and the battery is separated and raised as shown in the figure below.




3. Lift up and remove the battery.



GETTING STARTED

Low Battery Indicator

When the battery is almost discharged and only a few minutes of talk time remain, the battery sensor informs you in the following ways: an empty battery icon flashes() , you hear a warning tone and a message repeats at regular intervals on the display.

When the battery becomes too weak for the phone to operate, it switches off automatically.



Inserting/Removing the SIM Card

When you subscribe to a cellular network, you are provided with a SIM(Subscriber Identification Module) card loaded with your subscription details, such as your PIN, any optional services available and so on.

SMT-W6100 supports the copying from phonebook entries to the SIM card and vice versa. Also SMT-W6100 supports transferring the SMS from the SIM card to the phone's memory. Please remember that SMT-W6100 only supports the copying contents of the SIM card, not the general SIM card functionality.



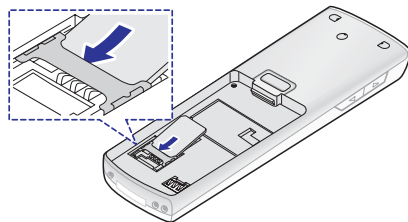
- Keep all miniature SIM cards out of the reach of small children.
- The SIM card and its data can be easily damaged by scratches or bending, so be careful when handling, inserting or removing the card.
- When installing the SIM card, always make sure that the phone is switched off before you remove the battery.





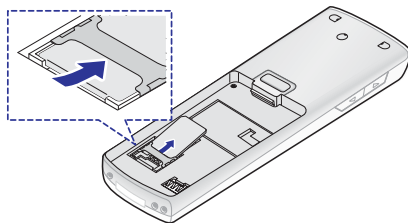
Inserting the SIM Card

1. If necessary, remove the battery.
2. Insert and slide the SIM card under the tab, ensuring that the notched corner is top left and the gold contacts of the card face into the phone.



Removing the SIM Card

To remove the SIM card, slide the card out of the holder, as shown.



Access Codes

There are several access codes that are used by your phone and its SIM card. These codes help you protect the phone against unauthorized use. For further details, see 'Security(Menu 6.6)' section of this guide.

Some access codes can be changed using the Security menu option(Menu 6.6).

Phone Password

You can use the phone password to protect your phone against unauthorized use.

The phone password is supplied with the phone and is preset to '00000000' at the factory. To change the password, use the Change password menu option(Menu 6.6.3).





PIN

This is usable when SIM card is inserted in Wi-Fi phone.

The PIN(Personal Identification Number) protects your SIM card against unauthorized use. When the PIN Check feature is enabled, you must enter the PIN each time you switch on the phone. See 'Security(Menu 6.6)' section of this guide.

If you key in an incorrect PIN three times in succession, key in the PUK and press the OK soft key to unlock the phone. Key in a new PIN and press the OK soft key. Key in the new PIN again and press the OK soft key.

PUK

This is usable when SIM card is inserted in Wi-Fi phone.


The PUK(PIN Unblocking Key) is required to change a blocked PIN. The PUK may be supplied with the SIM card. If not, contact your local service provider.

If you key in an incorrect PUK ten times in succession, the SIM card cannot be used anymore. Contact your service provider for a new card.

You cannot change the PUK. If you lose the code, contact your service provider.

Switching the Phone On/Off

To Switch the Phone On

1. Press and hold the  key until the phone switches on.
2. If the phone asks for a PIN, enter the PIN and press the **OK** soft key. For further details, see 'PIN Check(Menu 6.6.1)' section of this guide.

In case of the first subscription or multiple network founded, the step 3, 4, 5 is necessary. Otherwise step 6 follows after step 2.
3. The phone searches for your network and the SSID(Service Set Identifier) list that contains single or several SSIDs will be displayed on the screen.
4. If the SSID list is displayed on the screen, please choose one which is written on the product box.
5. Select the authentication type from between ASCII and Hex.




6. Then the phone asks for an authentication code. Please enter the authentication code which is written on the product box.
7. If the entered authentication code is correct, the phone starts DHCP and asks for a telephone number. Please enter the phone number which is assigned the phone.
8. The phone verifies the phone number you entered. If the phone number is validated, the selected SSID, current date and time appear on the display and you can make or receive a call. Otherwise, an error message will be displayed on the screen.





To change the language, use the Language menu option(Menu 6.4.2).

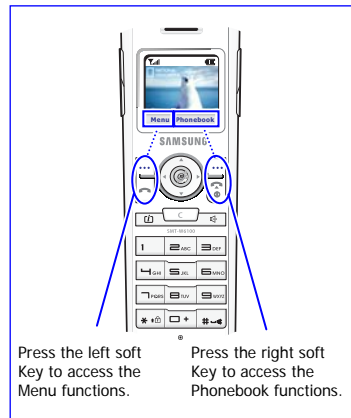
To Switch the Phone Off

Press and hold the  key until the power-off animation displays.

Selecting Functions and Options

Your phone offers a set of functions that allow you to customize your phone. These functions are arranged in menus and sub-menus, accessed via the two soft keys marked  and . Each menu and sub-menu allows you to view and alter the settings of a particular function.



The roles of the soft keys vary according to the current context; the labels or icons on the bottom line of the display and just above the soft keys indicate their current roles.



GETTING STARTED

To view various functions/options available or select the one is required:

1. Press the appropriate soft key.
2. Press the key as follows.

To	Press the
Select the: - function displayed - option highlighted	Select soft key.
View the next function or highlight the next option on a list	Down key.
Move back to the previous function or option on a list	Up key.
Move back up one level in the structure	 (or Back) soft key or C key.
Return to Idle Mode	 key.


In some functions, you may be asked for a password or PIN. Enter the required code and press the OK soft key.

Locking/Unlocking the Keypad

You can lock the keypad and volume keys to avoid pressing keys by accident.

To lock the keypad, press and hold the '*' key in Idle Mode until the 'Keypad locked' message appears on the display.

You can also answer incoming calls using any keys, even if you lock the keypad and volume keys. When you end the call, your phone returns to the Key Lock Mode after the period of time specified in the **Auto keylock** menu option(Menu 6.4.3).

You can dial emergency calls even if you lock the keypad and volume keys. Enter an emergency number. When the confirmation message appears, press the **Yes** soft key or  key.

When you end the call, your phone returns to the Key Lock Mode after the period of time specified in the **Auto keylock** menu option(Menu 6.4.3).

To exit the Key Lock Mode, press the **Unlock** soft key and then press the '*' key again. The 'Keypad unlocked' message appears.

You can also set the phone to automatically lock the keypad and volume keys in the **Auto keylock** menu option(Menu 6.4.3).





Entering Text

At many times while you are using your phone, you need to enter text, such as when storing a name in the Phonebook, writing a new message, creating your personal greeting or scheduling events on your calendar.

You are provided with the following text input modes:

T9 mode*

This mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter-when you press the 5 key once, J, K or L may be displayed. The T9 mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional ABC mode.

ABC mode

This mode allows you to enter letters by pressing the key labeled with the required letter once, twice, three or four times until the letter displays.

Number mode

This mode allows you to enter numbers.

Symbolic mode

This mode allows you to enter special characters.

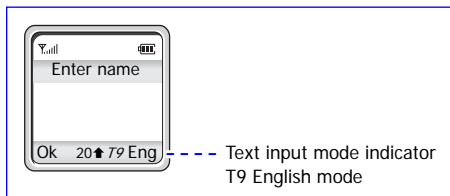


* T9 is a registered trademark of Tegic Communications, Inc. and is licensed under U.S. Patent 5, 818, 437/5, 953, 541/6, 011, 554.


Changing the Text Input Mode

When you are in a field that allows characters to be entered, you will see the text input mode indicator at the bottom of the display.

Example: Entering a name in the Phonebook



To change to another text input mode:

1. Press the  soft key indicating the current text input mode.
2. Scroll to the mode you want to use by pressing the Navigation keys(up or down).
The Language select option allows you to change the text input language.
You can use the Add word option to add new words into the T9 dictionary.






If you want to exit the menu without changing the mode, press the  soft key or end key or C key.

3. Press the Select soft key to confirm the highlighted text input mode.

Quickly Changing the Text Input Mode

Press the key as follows.

To switch between the	Press and hold the
number and previous mode	# key
symbol and previous mode	* key
ABC and T9 mode	 soft key.

Using the T9 Mode

To type a word in the T9 mode:

1. Start entering the word by pressing keys **2** to **9**. Press each key only once for each letter.
Example: To enter 'hello' in the T9 mode, press the **4**, **3**, **5**, **5**, and **6** keys.
The word you are typing appears on the display. It may change with each key that you press.
2. Enter the whole word before editing or deleting any keystrokes.
3. If the word is correct, start entering the next word. Otherwise, press the **0** key repeatedly to display alternative word choices for the keys that you have pressed.
Example: Both 'of' and 'me' have the sequence of **6** and **3**. The phone displays the most commonly used choice first.
4. Insert a space between words by pressing the **#** key.
5. Continue entering the next word.



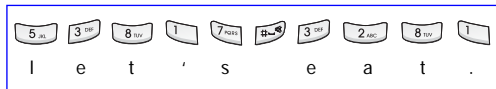


If **Spell** appears above the soft key while you are entering text, the word does not exist in the T9 dictionary. To type words not found in the T9 mode, change the text input mode to the ABC mode, or proceed as follows:

1. Press the Spell soft key, or press the soft key and select the Add word option.
2. Enter the word you want to add using the ABC mode and press the Ok soft key.
The word is saved in the T9 dictionary and inserted in the input field.
3. Continue entering other words in the T9 mode.

Smart Punctuation

To enter periods, hyphens or apostrophes, press the **1** key. The T9 mode applies rules of grammar to insert the correct punctuation.



Example: The **1** key is used twice to display two punctuation marks.

Changing the Case

To change the case of the next letter(s) that you type, press the '*' key. There are three cases:

- Lower Case(no indicator)
- Initial Capital(↑)
- Capital Lock(⬆)

Inserting a Space

To insert a space between words, press the # key.

Entering a Number directly

To enter a number, press and hold the number key.

Scrolling

To move the cursor to the left or right within the text, press the Navigation keys(left or right).





Clearing Letters and Words

To clear the letter to the left of the cursor, press the **C** key. You can clear all of the letters on the display by pressing and holding the **C** key.

Returning to the Previous Screen

When the text input field is cleared, press and hold the **C** key to return to the previous screen.

Using the ABC Mode

When typing in the ABC mode, press the key labeled with the required letter:

- Once for the first letter
- Twice for the second letter
- And so on

Example: To display the letter 'C', quickly press the **2** key three times. To display the letter 'K', press the **5** key twice. This method is called Multi-tap typing.



The cursor moves to the right when you press a different key. When entering the same letter twice or a different letter on the same key, just press the Right key or wait a few seconds for the cursor to move to the right automatically, and then enter the next letter.

Refer to the table for more information about the characters available. The characters vary, depending on the text input language. You can select the language by setting one of the following options:

- Language select: see 'Changing the Text Input Mode' section of this guide.(Menu 6.4.2)

List of the characters available

Key	Characters in the Order Displayed				
1	.	,	-	?	! ' @ : 1
2	A	B	C	2	
3	D	E	F	3	
4	G	H	I	4	
5	J	K	L	5	
6	M	N	O	6	
7	P	Q	R	S	7
8	T	U	V	8	
9	W	X	Y	Z	9
0	0				

(Capital Lock mode in English)





Changing the Case

To change the case of the next letter(s) that you type, press the '*' key. There are three cases:

- Lower Case(no indicator)
- Initial Capital(↑)
- Capital Lock(↑)

Inserting a Space

To insert a space between words, press the '#' key.

Entering a Number directly

To enter a number, press and hold the number key.

Scrolling

To move the cursor to the left or right within the text, press the Navigation keys(left or right).

Clearing Letters and Words


To clear the letter to the left of the cursor, press the **C** key. You can clear all of the letters on the display by pressing and holding the **C** key.

Returning to the Previous Screen

When the text input field is empty, press and hold the **C** key to return to the previous screen.

Using the Symbolic Mode

The Symbolic mode enables you to enter symbols in your text. Press the key as follows.

To	Press the
display more symbols	Navigation keys(up or down)
enter a symbol	corresponding number key
return to the previous text input mode	OK or  soft key.

Using the Number Mode

The number mode enables you to enter numbers in your text. Press the keys corresponding to the digits you want to enter.




BASIC FEATURES



Making a Call

Using the Number Keypad


When the idle screen is displayed, enter the area code and phone number, and press the  key.

Correcting the Number

Press the key as follows.

To clear	Press the
the last digit displayed	C key.
any other digit in the number	Left or Right key until the cursor() is immediately to the right of the digit to be cleared and press the C key. You can also insert a missing digit simply by pressing the appropriate key.
the all digits displayed	C key and hold it down for more than one second.

Making an International Call

1. Press and hold the '0' key for the international prefix. The '+' character appears.
2. Enter the country code, area code and phone number and press the  key.

Making a Call from Phonebook

You can store the names and phone numbers called regularly in the SIM card and phone's memory, which are jointly called the Phonebook. You then do not need to remember all your numbers; simply select the required name to recall the associated number. For further details about the Phonebook feature, see 'Phonebook' section of this guide.






SIM card can be used in Wi-Fi phone for sharing the phonebook between cellular phone and Wi-Fi phone.



Using the Call Logs

The phone stores up to 20 calls dialed, received or missed chronologically. The last call is saved in the first position. If the same number occurs more than once, only the latest occurrence is saved.

To recall any of these numbers:

1. Press the  key in Idle Mode to access the Call log list.
2. Use the Navigation keys(up and down) to scroll through list until the number you want highlights. The call logs are listed with the following icons:
 -  : Dialled calls
 -  : Received calls
 -  : Missed calls
3. To dial the number, press the  key.


To view each call record, see 'Call Records' section of this guide.

Viewing Missed Calls

If you have a subscription that includes the Caller Line Identification (CLI) feature and you are unable to answer a call for any reason, you can find out who was calling you so that you can call the person back.



The number of missed calls displays on the idle screen immediately after a call was missed.

To view the missed calls immediately:

1. Press the **Missed** soft key.
2. If necessary, scroll to the number you want by pressing the Up or Down key.
3. To dial the number, press the  key.

To use the missed call options, see 'Missed Calls(Menu 2.1)' section of this guide.




To clear the missed call notification on the display, press the  key. When you also have voice mails, short messages or multimedia messages and the  Key indication changed in the following order: **Missed**, **Connect**, **View** and **Phonebook**.



Speed-dialing from Phonebook

Once you have stored numbers in the Phonebook, you can dial a number simply by pressing one or two keys. For further details, see 'Speed List(Phonebook 1.3)' section of this guide.

Ending a Call

When you want to finish your call, briefly press the  key.

Answering a Call

When somebody calls you, the phone rings and displays the incoming call animation.


If the caller can be identified, the caller's phone number, or name if stored in your Phonebook, displays.

To answer a call, press the  key or **Accept** soft key.



You can answer a call while using the Phonebook or menu features. The current operation stops.

Rejecting a Call

To reject an incoming call, press the  key or **Reject** soft key.

Adjusting the Volume

During a call, if you wish to adjust the earpiece volume, use the volume keys on the left side of the phone. When you hear ring tone, you can also mute it by long press of volume keys.

Accessing Options During a Call

Your phone provides a number of control functions that you can use during a call.

Switching the Microphone Off (Mute)

You can temporarily switch your phone's microphone off so that the other person cannot hear you.

Example: You may wish to say something to another person in the room but do not want the calling person to hear you.



1. Press the **Options** soft key.
2. When **Mute** highlights, press the **Select** soft key. The Mute icon (🔇) appears on the bottom line of the display and your correspondent can no longer hear you.

To switch the microphone back on:

1. Press the **Options** soft key.
2. When **Unmute** highlights, press the **Select** soft key. The Mute icon (🔇) disappears and your correspondent can hear you.

Muting/Sending Key Tones

You can turn the key tones off or on during a call.

When the **Mute key** option is selected, your phone does not transmit the key tones.

It allows you to press keys without hearing annoying key tones during a call.

Searching for a Number in Phonebook

You can search for a number in your Phonebook during a call.

1. Press the **Options** soft key.
2. If necessary, press the Navigation keys(up or down) to highlight the **Phonebook** option.
Press the **Select** soft key.
3. Select the **Find name** option and press the **Select** soft key.
The Phonebook entries are listed.
4. Enter the first a few letters of the name that you want to find.
The Phonebook entries are listed starting with the first entry matching your input.



You can also scroll through the Phonebook from the beginning, by pressing the Navigation keys (up or down).

5. To view the highlighted entry, press the **OK** soft key.



Using the Message Service

You can read or write a new message during a call.

1. Press the Options soft key.
2. Press the Navigation keys(up or down) to highlight the Message option.
Press the Select soft key.
3. To read a received message, select the Received option, and then scroll to the message that you want to read. To write a new message, select the New message option.
4. Press the Select soft key.

For further details about the SMS feature, see 'Short Message(Menu 1.1)' section of this guide.



Using the Speaker phone

When you want to activate speaker phone, you should press Speaker phone key for 3~4 seconds.

Using the Ear-microphone

With the ear-microphone, you can make or answer a call without holding the phone.

When you connect the ear-microphone to the jack at the left side of the phone, the key on the ear-microphone works as listed below:

To	Press
redial the last call	The key twice in Idle Mode.
answer a call	Hold the key when you receive the call. → long press
end a call	Hold the key when you have finished the call. → long press



MENUS

The phone offers a range of functions that allow you to tailor the phone to your needs. These functions are arranged in menus and sub-menus.

Accessing a Menu Function

The menus and sub-menus can be accessed by pressing the **Menu** or **Phonebook** soft key in Idle Mode, then scrolling with the Navigation keys.

1. In Idle Mode, press the Menu soft key to access the main menu or press the Phonebook soft key to access Phonebook menu.
2. Scroll through the menus using the Navigation keys(left or right).
3. Find the sub-menu that you wish to use by scrolling with the Navigation keys(up or down).
4. Press the **Select** soft key to access the submenu.
If the menu that you have selected contains further sub-menus, repeat steps 3 and 4.



5. Scroll to the option you want to choose with the Navigation keys(up or down).
6. Press the Select soft key to choose the setting.



You can return to the previous menu level by pressing the  soft key.

You can also access the menus and sub-menus by quickly entering the corresponding menu number.

Example: To access the **MMS** menu option(menu 1.2), press the **Menu** soft key and 1 in 2 seconds and 2 in Idle Mode.



MENUS

Menu Structure

Various menus let you check or change your phone settings.

The following list shows the menu structure.

Phonebook

1. Phonebook

1. Find name
2. Add entry
3. Speed list
4. Copy to phone
5. Copy to SIM
6. Delete all

2. Management

1. Own number
2. Group setting
3. Memory status



MENUS

Menu

1. Messages

1. Voice mail

- 1) Connect to voice mail
- 2) Voice server number

2. Call records

1. Missed calls

2. Received calls

3. Dialed calls

4. Delete all

5. Call time

- 1) Last call time
- 2) Total sent
- 3) Total received
- 4) Reset timers

3. Fun box

1. Images

2. Sounds

3. Internet radio

- 1) Start service
- 2) Profile setting
- 3) Proxy IP addr.
- 4) Receive buffer
- 5) Network settings

4. Utilities

- 1) Calculator
- 2) Conversion
- 3) Timer
- 4) Stopwatch

5. Memory status



MENUS

Menu

4. Organizer

1. New memo
2. Calendar
3. To do list
4. Alarm

5. Browser

1. Homepage
2. Bookmark
3. Go to URL
4. Settings
5. Customizations
6. Clear cache

6. Settings

1. Sound settings

- 1) Incoming calls
- 2) Messages
- 3) Power on/off
- 4) Connection tone
- 5) Key tone
- 6) Quiet mode
- 7) Private no. filter

2. Display settings

- 1) Wallpaper
- 2) Skin
- 3) Backlight
- 4) LCD contrast



Menu

3. Time&Date settings

- 1) Set time
- 2) Set date
- 3) Set world time
- 4) Set format
- 5) Time sync.

4. Phone settings

- 1) Greeting message
- 2) Language
- 3) Auto keylock
- 4) Anykey answer
- 5) Service light
- 6) Direct call

5. Network settings

- 1) Network selection
- 2) Wi-Fi security settings
- 3) IP settings
- 4) VoIP settings
- 5) DHCP settings

6. Security settings

- 1) PIN check
- 2) Change PIN
- 3) Change password
- 4) Privacy

7. Reset

- 1) All settings
- 2) Sound settings
- 3) Phone settings
- 4) Network settings



MENUS

Menu

7. Network service

1. Caller ID

- 1) Show numbers
- 2) Hide numbers

2. Call diverting

- 1) All voice calls
- 2) If busy
- 3) If not answered



MENUS

Phonebook

Phonebook menu offers the following features:

- Phonebook: allows you to find, create or set up the speed-dialing feature and manage Phonebook entries.
- Management: allows you to create or remove your own number, set up caller groups and check the memory status.




MENUS

Find Name (Phonebook 1.1)

To search for a number in the phonebook, proceed as follows.

1. Enter a letter(s) of the name that you want to find. The Phonebook entries are listed, highlighting the entry matching your input.
2. If necessary, press the Navigation keys(up or down) to scroll to the entry you want.
3. Once you have found the entry, press the Ok soft key.
4. Press the key as follows.

To	Press the
dial the displayed number	 key
change the Phonebook entries	Options soft key. For further details, refer to the next page.



Changing the Phone Memory Entries

Scroll to the category that you want to edit by pressing the Navigation keys(left or right).
Following categories are available and you can edit information of each category by pressing the **Options** soft key.

Category	Then
Mobile Home Office Wi-Fi Number	Select one of the following options. For details for these options, refer to the next page. Change name Send message (shown if the category contains a number) Copy (shown if the category contains a number) Set as main number (shown if the category contains a number) * This option allows you to set the selected number as a main number. Each entry in the phonebook may have 5 different numbers(Mobile, Home, Office, Other). The main number is a key number that represents the each phonebook entry. Calling to and copying to SIM card or phone the each phonebook entry are performed using the main number Set as speed number (shown if the category contains a number) Delete entry
Group	Set one of the groups or no group.
Graphic	Set one of the images(includes photos) or no image.
Alert	Set one of the melodies or not assign.



Changing the SIM Memory Entries

To change the SIM memory entry's information, press the **Options** soft key.

The following options are available:

Edit number

This option allows you to change the number.

You can also add a new number if none has been stored for the selected category.

Change name

This option allows you to change the name of the entry.

To clear the old name, press the **C** key. For more information about how to enter characters, see 'Entering Text' section of this guide.

Send message

This option allows you to send a message to the number. For more information about how to send a message, see 'Messages' section of this guide.

Copy

This option allows you to copy the entry from the phone's memory to the SIM card, and vice versa.



Delete entry

This option allows you to delete the entry from Phonebook. To confirm the deletion, press the **Yes** soft key. Otherwise, press the **No** soft key.

Add Entry (Phonebook 1.2)

You can store up to 500 names in the phone memory and each name can be associated with up to five numbers.

1. Enter the number you want to save.





If you make a mistake while entering a number, correct it using the C key. For further details, see 'Correcting the Number' section of this guide.

To insert a dialing pause for special phone services, such as banking by phone, Press and hold the * key. 'P' is displayed to indicate the pause.


2. When you are sure that the number is correct, press the **Save** soft key.
3. Choose a number type using the Navigation keys(up or down) and press the **Select** soft key.



4. Enter the associated name.
5. When you are satisfied, press the **OK** soft key.
6. If you want to change the entry, use the options for the information about how to do it, see 'Changing the Phone Memory Entries' section of this guide.

If you want to return to Idle Mode, press the soft  key or the  key to exit.

Storing a Number in Idle Mode

As soon as you start to enter a number, **Save** appears above the  soft key to allow you to store the number in the Phonebook.



Continue the procedure from step 1 on 'Add Entry(Phonebook 1.2)' section of this guide to store the number.



Speed List (Phonebook 1.3)



You can set up to eight speed-dial entries and then dial them easily whenever you want, simply by pressing the associated number key.

Setting Up Speed-dial Entries


1. Press the Navigation keys(up or down) to scroll to an empty location and press the **OK** soft key.
2. When the **Edit number** option highlights, press the **OK** soft key.
3. Enter a phone number and press the **OK** soft key. Or, to retrieve a number from your Phonebook, press the **Phonebook** soft key. Select an entry from the list and press the **OK** soft key. Press the **OK** soft key to save it.
4. When you have finished, press the soft  key or the  key to exit.



Editing the Speed-dial Entries

1. Select the speed-dial entry you want to edit from the list and press the **OK** soft key.
2. Select one of the following menu options by pressing the Navigation keys(up or down) and press the **OK** soft key:
 - Edit number: allows you to change the number.
 - Change name: allows you to change the name of the entry.
 - Delete: allows you to clear the setting so that no number is assigned to the key.
3. When you have finished, press the  soft key or the  key to exit.

Using the Speed-dial Feature

When the idle screen is displayed, press the number key, **2 to 9**, assigned to the speed-dial entry and press the  key. You can also press and hold the number key.




The **1** key is reserved for connecting to your voice mail service.



Dialing a Number Stored in the SIM Card

Once you have stored phone numbers in your SIM card, you can dial them easily whenever required.



To dial a number stored in the SIM card:

1. Enter the number of the SIM card location where the number you want to dial is stored.
2. Press the '#' key.
The display shows the name and number stored in that location.
3. Press the Dial soft key or the  key.



Copy to Phone (Phonebook 1.4)

You can copy all of the numbers stored in the SIM card to the phone's memory. If the SIM card does not exist in the phone, this menu will not be activated.

1. When a confirming message appears, press the **Yes** soft key to copy.
The numbers are copied to the phone's memory, labeled with Mobile by default.
Otherwise, press the **No** soft key.
2. When you have finished, press the  soft key or the  key to exit.





Copy to SIM (Phonebook 1.5)

You can copy the numbers from the phone's memory to the SIM card. If the SIM card does not exist in the phone, this menu will not be activated. This menu has the following four sub-menus.

All



Copy all entries in the phone's memory to the SIM card. If the SIM card memory is not available, this function will not be activated.

1. When a Confirmation message appears, press the **Yes** soft key to copy. The main numbers are copied to the SIM card. Otherwise, press the **No** soft key.
2. When you have finished, press the  soft key or the  key to exit.





Copied from SIM

Copy entries which are previously copied from the SIM card to the Phone's memory. If the SIM card memory is not available, this function will not be activated.

1. When a confirmation message appears, press the **Yes** soft key to copy. The main numbers are copied to the SIM card. Otherwise, press the **No** soft key.
2. When you have finished, press the  soft key or the  key to exit.

Manually added


Copy entries which are copied to the phone's memory using the Add entry' function. If the SIM card memory is not available, this function will not be activated.

1. When a confirmation message appears, press the **Yes** soft key to copy. The main numbers are copied to the SIM card. Otherwise, press the **No** soft key.
2. When you have finished, press the  soft key or the  key to exit.



One by one

Copy phonebook entries selectively.

1. If you choose the entry that you want to copy, press **Copy** soft key. The main numbers are copied to the SIM card. You can search the entry by entering a letter(s) of the name that you want to find. The Phonebook entries are listed, highlighting the entry matching your input.
2. When you have finished, press the **C** key(long press) or the  key to exit.

Delete All (Phonebook 1.6)

You can delete Phonebook entries selectively depending on the memory location, or all entries at once.

All

Delete all entries in the phone's memory and SIM card memory.



SIM

Delete all entries in the SIM card memory.

Phone

Delete all entries in the phone's memory.

Copied from SIM

Delete entries which are previously copied from the SIM card to the Phone's memory.

Manually added

Delete entries which are entered in the phone's memory using the Add entry' function.





- When a confirming message appears, press the Yes soft key to delete all of the entries in the memory(ies). Then enter the phone password and press the Ok soft key. The password is preset to '00000000' by default. To change it, see 'Change Password(Menu 6.6.3)' section of this guide. Otherwise, press the No soft key.
- In the calling/called state, delete all menu will not be activated. You cannot delete all phonebook menu in the calling/called state.



Own Number (Menu 2.1)

To change or store your own phone number:

1. Enter the phone password and press the **OK** soft key.
2. The phone number editor with existing phone number will appear.
3. Enter your number and press the **OK** soft key.
4. If the phone number change is finished, initial provision flow will be activated to determine the new phone number is valid or not.
5. When you want to cancel changing the phone number, press the  soft key or the  key to exit.



In the calling/called state, own number just shows the current phone number. In this case, the initial provision flow will not be activated.



Group Setting (Phonebook 2.2)

You can change the settings of the five predefined caller groups.


1. Select a caller group by pressing the Navigation keys(up or down) and press the **OK** soft key.
2. Scroll to a setting option by pressing the Navigation keys(up or down) and press the **OK** soft key.
 - Melody: allows you to select a melody to sound when a call comes in from a member in the group.
 - View image: shows the image to display when a call comes in from a member in the group.
 - Change name: allows you to change the name of the group. This is possible for only 'other' group.
3. Change the setting as required and press the **OK** soft key.
4. Repeat steps 2 and 3 to change other options.

When you have finished, press the  soft key or the  key to exit.



Memory Status (Phonebook 2.3)

You can check how many names are stored in SIM card and phone's memory. If the SIM card does not exist in the phone, only phone's memory status is visible.

When you have finished, press the  soft key or the  key to exit.



The manually added entry number is indicated by the parenthesis.



MENUS

Messages

Messages menu allows you to connect with Voice mail.



This feature is only available if your service provider's network supports it. Contact your service provider for more information.

Voice mail (Menu 1.1)

This menu allows you to use the voice mail box.(Voice mail box)

Connect to voice mail (Menu 1.1.1)

VMS is connected and allows you to hear a voicemail.

Voice server number (Menu 1.1.2)

Enter the number of voice server connect to a voice mailbox.



Call Records

Via **Call Records** menu, you can view the followings:

- Calls you missed, received or dialed
- Length of your calls



You can access the numbers in three types of call records by pressing the  key in Idle Mode.

Missed Calls (Menu 2.1)

This option lets you view the last 20 unanswered calls if the caller line identification is available.

The number, or name if available, displays.

By pressing the **Options** soft key, you can also:

- Delete: delete the current call record from the list.
- Save into Ph.book: save the number into Phonebook.
- Details: View the phone number and received time for the missed call.
- Send SMS: send message.



Received Calls (Menu 2.2)

This option lets you view the last 20 received calls if the caller line identification is available.

The number, or name if available, displays.

By pressing the **Options** soft key, you can also:

- Delete: delete the current call record from the list.
- Save into Ph.book: save the number into Phonebook.
- Details: view the phone number and received time for the received call.
- Send SMS: send message.



Dialed Calls (Menu 2.3)

This option lets you view the last 20 dialed numbers.

The number, or name if available, displays together with the date and time when the call was made.

By pressing the **Options** soft key, you can also:

- Delete: delete the current call record from the list.
- Save into Ph.book: save the number in Phonebook.
- Details: view the phone number and received time for the dialed call.
- Send SMS: send message.

Delete All (Menu 2.4)

You can delete all of the numbers stored in each call record.

When any item is selected using **Select** soft key and **OK** soft key pressed, confirming messages appears.

When no items are selected and **OK** soft key pressed, you will be back to the previous step without deletion.



Call Time (Menu 2.5)

This option lets you view the timers for calls made and received.

The following timers are available:

- Last call time: the length of the last call.
- Total sent: the total length of all calls made since the timer was last reset.
- Total received: the total length of all calls received since the timer was last reset.
- Reset timers: the option used to reset the call timers. You need to respond the confirmation and enter the phone password and then press the **OK** soft key.



Fun box

Images & Sounds menu stores various media items from other sources, such as multimedia messages.

Images (Menu 3.1)

This option allows you to view the images received from other sources, such multimedia messages.

When you view an image, press the **Options** soft key to send, rename, delete, set as a wall paper or view the properties.

Sounds (Menu 3.2)

This option allows you to listen to the recorded voices and the melodies received from other sources, such as multimedia messages.

- Audio Recordings: allow you to record to the recorded voices.
- My sounds: allow you to listen to various melodies.



When you select a sound, press the **Options** soft key to send, rename, delete, set as a ring tone(only in My sounds) or view the properties.

When you listen my sounds, press the **Options** soft key to do the followings.

- Send: allows you to send it via a message.
- Rename: allows you to rename it.
- Delete: allows you to delete it.
- Set as ringtone: allows you to set it as a ring tone.
- Properties: allows you to view the attributes such as name, size and format of sound.



Internet Radio (Menu 3.3)

Internet Radio function enables to listen the Worldwide Internet Radio broadcasting.

Start service (Menu 3.3.1)

You can listen to a broadcast after selecting one of Internet Radio Broadcastings set in Menu 3.3.2. During listening to a broadcast, you can change the channel with the Navigation key.

With the left soft key, you can stop or play the broadcast.

With the right soft key, you can stop the broadcast or move to the previous menu.

Profile setting (Menu 3.3.2)

This menu enables to set the information on a broadcasting station to serve the Internet Radio service.

1. Profile name

You can assign a name to identify the relevant broadcasting station.

2. Server URL

You can set URL of a broadcasting station. IN this case, protocols are assigned as follows:



Protocol	Server URL
HTTP	http://
MMS	mms://
RTSP	Rtsp://

3. Server port

This menu enables to appoint a specific port when you receive streaming contents. If this menu is not used, the stream uses the ports in the following table in default.

Protocol	Basic Port
HTTP	80
MMS	1755
RTSP	554

4. Server login ID

You can set the login ID for the access to a broadcasting station.

5. Server Login password

You can set the password for the access to a broadcasting station.



Proxy IP address (Menu 3.3.3)

When a proxy server is used, this menu enables to set the IP address(or host name) and the port of the proxy server. If a proxy server is not used, remain as empty.

Receive buffer (Menu 3.3.4)

All streaming media is stored in buffers before being played. If a stream is not smooth because of Network traffic, the media stored in the buffers can make the stream smooth.

This menu enables to change the buffering time before playing media.

Network settings (Menu 3.3.5)

This menu enables to specify the protocol to receive stream media files. The streams are received via UDP, TCP, HTTP, RTSP, and MMS. In default, all protocols are selected. It is recommended to select all protocols because you can receive files with a variety of protocols.



Utilities (Menu 3.4)

Utilities menu allows you to:
use your phone as a calculator, unit converter, timer or stopwatch.

Calculator (Menu 3.4.1)

You can use the phone as a calculator. The calculator performs basic arithmetic functions, such as addition, subtraction, multiplication, division and remainder computation.

To perform a calculation:

1. Enter the first number using the number keys.



To erase any mistakes or clear the display, press the **C** key.



2. Press the '*' key to enter a decimal point(.) or the '#' key to enter the appropriate arithmetic symbol: +(add), -(subtract), *(multiply), /(divide), %(remainder), ().
3. Enter the second figure.



4. Repeat steps 2 and 3, if necessary.
5. Press the **Equal** soft key to view the result.
The result appears in the **Answer** box.



The result is rounded to six decimal places.




6. When you have finished, press the  soft key or the  key to exit.



Conversion (Menu 3.4.2)

This menu option allows you to convert from one type of unit to another.

To convert a value:

1. Scroll to the type of conversion to be performed from Currency, Length, Weight, Volume, Area and Temperature press the **OK** soft key.
2. Enter the value to be converted and press the Navigation keys(down) to move to the **From** field. You can enter a decimal point(.) using the '*' key.
3. Select the original unit by pressing the Navigation keys(left or right) and press the Navigation keys(down) to move to the **To** field. Refer to the table on the following page for the units available.
4. Select the required unit by pressing the Navigation keys(left or right).
5. Press the **OK** soft key or the  key to view the result. The result appears in the **Answer** box.
6. When you have finished, press the  soft key or the  key to exit.



Units Available

Type	Units		
Currency	EUR	DEM	ITL
	FRF	ESP	NLG
	ATS	BEF	FIM
	PTE	GRD	IEP
	LUF		
Length	mm	cm	m
	km	in	ft
	yard	mile	
Weight	g	kg	ton
	grain	oz	pound
Volume	cm ³	m ³	l
	in ³	ft ³	yd ³
	gal		
Area	cm ²	m ²	a
	in ²	ft ²	yd ²
	acre		
Temperature	°C	°F	



MENUS

Timer (Menu 3.4.3)

Using the Timer feature, you can set the phone to sound an alarm after a certain time.

1. Press the **Set** soft key.
2. Enter the length of time you want to count down in hours and minutes and press the **OK** soft key.
3. Press the **Start** soft key to start counting down.

Even if you exit the **Timer** screen, the timer will continue running. After the specified time has expired, the phone informs you by playing a melody and displaying a text notification.

To stop the timer melody when it rings, press any key.

To stop the timer before the end, press the **Stop** soft key on the **Timer** screen.



- The timer uses power from the battery consequently, the phone's operating time is reduced.
- When the Quiet Mode is activated, there is no sound.




Stopwatch (Menu 3.4.4)

The stopwatch can be used to measure times for various sports.

Example: Running or swimming races

Up to four stopwatches can be used.

The precision of the stopwatch is one hundredth of a second. The maximum measurement time is 10 hours.

1. To start the stopwatches, press the **OK** soft key.
2. When you wish to stop the first stopwatch, press the **OK** soft key. Repeat this step for the other stopwatches.
3. Press the **Reset** soft key to reset the watches.
4. Press the **C** or  key to exit.



Memory Status (Menu 3.5)

Images & Sounds, Camera and multimedia message boxes share a given amount of memory in your phone.

The display shows the status of free and used memory.

You can see the used memory status of Images & Sounds, Camera and multimedia message boxes by pressing the Navigation keys(left or right).



Organizer

Organizer menu allows you to:

- view the calendar and/or write a memo or to do list.
- set the current date and time, and find out what time it is in various cities around the world.
- set the alarm so that the phone rings at a specific time.

New Memo (Menu 4.1)

This menu option allows you to create a new memo.



You can also access this menu by holding down the **C** key in Idle Mode.

1. Write your memo of up to 100 characters and press the **OK** soft key.
For further information about how to enter text, see 'Entering Text' section of this guide.



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2. Select the category of the memo to be saved and press the **OK** soft key.

The following categories are available:



- Scheduler: general schedule events, such as appointments or meetings.
- To do list: tasks you need to do. They are saved on the to do list.
- Call: calls you need to make.
- Anniversary: anniversaries to be remembered, such as wedding anniversaries, birthdays or other special days.



You can save up to 25 items to each category, so you can save 100 memos totally.

3. Scroll to a date on the calendar by pressing the navigation keys. Press the **OK** soft key.
4. If applicable depending on the category you selected, enter the event time and press the **OK** soft key.
5. If you have selected the 12-hour time format(**menu 6.3.4.1**), select **AM** or **PM** by pressing the Navigation keys(up or down) and then press the **Select** soft key.



6. To set an alarm for the memo, press the **Yes** soft key.
Otherwise, press the **No** soft key. The memo is saved immediately. Go to step 10.
7. If you have selected set alarm time Enter the time for the alarm to sound and press the **OK** soft key.
8. If you have selected the 12-hour time format(menu 6.3.4.1), select **AM** or **PM** by pressing the Navigation keys(up or down) and then press the **Select** soft key.
9. Select an alarm melody and press the **OK** soft key. The memo is saved and then displays on the screen.
10. You can choose the following option by pressing the **Options** soft key:
 - Add: allows you to add a new memo on the day.
 - Delete: allows you to delete the memo.
 - Edit: allows you to edit the memo.
 - Move: allows you to move the memo to a different date.
 - Copy: allows you to copy the memo to a different date.
11. When you have finished, press the  soft key or the  key to exit.



Calendar (Menu 4.2)

The calendar helps you to keep track of schedule, calls that you need to make, tasks that you need to do and anniversaries. You can set the alarm to ring when the set date for a schedule is reached.

Consulting the Calendar

Type	Press the
move to another day	Left or Right key.
move to another week	Up or Down key.
move to the previous or next month	Up or Down key and hold it down.
move to the previous or next year	Left or Right key and hold it down.

The following options are available when you press the **Options** soft key on the Calendar display:

- Add memo: allows you to add a new memo on the day.
- Go to date: allows you to enter a particular date and then schedule an event on that date.
- View all: shows all of the events that you have scheduled.
- Delete day: deletes the scheduled event on the selected day.
- Delete all: deletes all of the events that you have scheduled.







Creating a New Memo

1. Scroll to a date on the calendar, referring to 'Calendar(Menu 4.2)' section of this guide, and press the **Select** soft key.
2. Write your memo and press the **OK** soft key.
For further information about how to enter characters, see 'Entering Text' section of this guide.
3. Select the category of the memo to be saved and press the **OK** soft key.
The following categories are available:
 - Scheduler: general schedule events, such as appointments or meetings.
 - To do list: tasks you need to do.
 - Call: calls you need to make.
 - Anniversary: anniversaries to be remembered, such as wedding anniversaries, birthdays or other special days.
4. Follow the procedure from step 4 on 'New Memo(Menu 4.1)' section of this guide onwards to save the memo.



Viewing Your Calendar Memos

A date that has a memo associated with it is highlighted in a purple box. If you select a date when events have already been scheduled, the number of memos of each type is shown at the bottom of the calendar.

-  : General schedule events
-  : To do list
-  : Calls
-  : Anniversaries

Press the **Select** soft key to view the memos.

If you have created more than one memo on the same day, you can scroll to the event you want to view by pressing the Navigation keys(left or right).

The following options are available when you press the **Options** soft key:

- Add: allows you to add a new memo.
- Delete: allows you to delete the memo.
- Edit: allows you to edit the memo.
- Move: allows you to move the memo to a different date.
- Copy: allows you to copy the memo to a different date.





To Do List (Menu 4.3)

This menu allows you to view a list of tasks.

To create a new memo of the To do list type:

1. Write the memo about your task and press the **OK** soft key.
For more information about how to enter characters, see 'Entering Text' section of this guide.
2. Scroll to a date on the calendar, and press the **Select** soft key.
Select the category of the **To do list and** press the **select** soft key.
3. Follow step 4 on 'New Memo(Menu 4.1)' section of this guide onwards to save the memo.

Once you have defined tasks, they are listed with a status mark( for Done or  for Undo) within the To do list menu.

To scroll to a specific task, press the Navigation keys(up or down) and press the **Select** soft key.
The task displays with the deadline, alarm setting, job details and status mark.
You can scroll to the previous or next task by pressing the Navigation keys(left or right).



The following options are available when you press the **Options** soft key:



- Add: allows you to add a new task.
- Mark: allows you to change the status mark.
- Edit: allows you to edit the contents of the task.
- Move: allows you to move the task to a different date.
- Copy: allows you to copy the task to a different date.
- Delete: allows you to delete the task.
- Delete all: allows you to delete all of tasks from the list.



Alarm (Menu 4.4)

This option allows you to set an alarm to ring at a specific time. You can set up to three alarms or set the phone to ring an alarm when it is switched off.



To set an alarm:


1. Select either Morning call, Alarm1 or Alarm2 by pressing the Navigation keys(up or down). The  icon means that no alarm is currently set. The  icon means that an alarm has already been set.
2. Press the **OK** soft key.
3. Press the **Options** soft key.
4. Scroll to an option by pressing the Navigation keys(up or down) and press the **Select** soft key. Change the setting, as needed.
 - Alarm day: place or remove a check mark on the day(s) of the week by pressing the Select soft key. If you want to set a daily alarm, select Everyday. If you want to set a temporary alarm, select Once alarm. When you press the OK soft key after selecting, your phone asks you to enter the alarm time.
 - Alarm time: enter the time for the alarm to sound.
 - Alarm tone: select an alarm melody.
 - Remove alarm: deactivates the alarm.





The alert type of Alarm1 and 2 is affected by the alert type of incoming call. Morning call's alert type is always melody.

5. Repeat step 4 to change each setting.
6. When you have finished, press the  soft key or the  key to exit.

Once an alarm has been set, you can see the Alarm icon() on the top line of the display. To stop the alarm when it rings, press any key.



When the Quiet Mode is activated, the alarm tone doesn't sound. But When you set an Morning call, it sounds the alarm tone even if the Quiet Mode is activated.




Browser

Your phone is equipped with a WAP(Wireless Application Protocol) browser to allow you to access and navigate the Wireless Web using your phone.

Homepage (Menu 5.1)

Selecting this menu connects the phone to the network and loads the homepage you set.

You can also press the  key in idle mode to launch the browser.

The contents of the WAP Browser startup homepage depends on your choice of Server URL (5.4.1 Server URL menu)



To go to the startup homepage from any other screen in the WAP browser, use Home option.





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Exiting the WAP Browser

To exit the browser at any time, simply press the  key.

Navigating the WAP Browser

Type	Press the
Scroll through browser items	UP or Down Key
Select a browser item	 soft Key
Return to the previous page	 Key

Entering text in the WAP browser

When you are prompted to enter text, the currently active text input mode is indicated on the screen.

Selecting and using browser menu options

Various menu options are available when you are using the WAP browser to navigate the Wireless Web.



To access a menu option :

1. press '*' key
2. Highlight a menu by pressing the UP or Down Key and press the ✓ soft key
3. Of necessary, select a secondary option by pressing the UP or Down key, and press the ✓ soft key to confirm



The menus may vary, depending on your version of the WAP Browser.


The following options are available :

- Back: goes to the previous page
- Home: goes to homepage which you set
- Exit: exits the WAP browser
- Reload: reloads the current page
- Show URL: displays the URL address of the Web age to which you are currently connected.
- About...: provides you with information about your version of the WAP browser



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Using the WAP Page Options

When you are using the WAP browser, you can access the following options by press  key.

- Bookmark: switches to the Bookmark Menu. For details, see page 138
- Customizations: switches to the Customizations Menu. For details, see page 140
- Clear cache: switches to the Clear cache Menu. For details, see page 140



Bookmark (Menu 5.2)

This menu allows you to store the URL addresses of up to 10 of your favorite web sites.

To Store a URL address :

1. Select an empty location and press the **Select** soft key
2. Enter the address and press **OK** soft key
3. Enter a name for the bookmark and press **OK** soft key

To access a bookmarked page, scroll to an item by pressing the Up or Down key and press **OK** soft key.

After selecting bookmarked page you can access the following options.

- Go: quickly takes you to the site
- Edit: allows you to edit the address and name of the bookmark
- Delete: allows you to delete the bookmark



In case of WAP page Options, if you select 'Empty' bookmark, address is set with the address of current WAP page and name is set with the title of current WAP page.



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GO to URL (Menu 5.3)

This menu allows you to manually enter the URL address of a Web site that you wish to access.

After entering the URL address you want to access, press OK soft key to go to the site.

Settings (Menu 5.4)

This menu allows you to set up a Server URL and a WAP Gateway for WAP browser.

- Homepage: set the address of your startup homepage. When the default homepage displays, you can delete it using  Key and enter your own choice.
- Wap Gateway: select whether or not you use a WAP Gateway when you connect to the WAP browser. If this field is empty, browser does not use WAP Gateway.



Customizations (Menu 5.5)

This menu allows you to customize browser options based on your own choice.

- **Show Image:** set whether or not you want to see image. If you select 'yes' key, browser display images in Web Page. If you select 'no', browser display only text in Web Page.
- **Inactivity Timeout:** set the timeout of Browsing. If you set timeout, browser is deactivated after timeout.

Clear cache (Menu 5.6)

Selecting this menu clears the information stored in the cache, the phone's temporary memory in which the most recently accessed Web pages are stored. When a confirmation message appears, press the **Yes** soft key.



Settings

Via **Settings** menu, many different features of your phone can be customized to suit your preference.

Sound Settings (Menu 6.1)

You can use the Sound settings feature to customize various settings, such as the:

- ring tone, volume and type for incoming calls or messages.
- sounds made when your call is connected or when you press a key.
- quiet mode which your phone switches to when you Press and hold the key.
- VIP filter: Bell is sounded only for incoming calls made by members assigned to the VIP Group in the Phone Book.



Incoming Calls (Menu 6.1.1)

This option allows you to set up the ringer for incoming calls.

The following options are available:

Each time you select a melody from the list, it plays the melody.

- **Default melodies:** allows you to select one of the predefined melodies.
- **My sounds:** allows you to select one of the sounds received from other sources, such multimedia messages.
- **Ring volume:** allows you to adjust the ring volume. Use the Navigation Keys(up and down) or the volume keys on the left side of the phone. The more bars you see, the louder the volume.
- **Alert type:** lets you specify how you are informed of any incoming calls.
 - Melody: the phone rings using the melody selected via the **Melody** option(see above) and the service light flickers
 - Vibration: the phone vibrates but does not ring.
 - Vibration then melody: the phone first vibrates. And then the phone rings and the service light flickers in rhythm.
 - Light only: only the service light flickers the phone neither rings nor vibrates.



Messages (Menu 6.1.2)

This option allows you to set up the ringer for each incoming short message and multimedia message received.

Short Message/Multimedia Message

The following options are available:

- **Tone:** lets you choose from many different tones. Each time you select a tone from the list, the tone is played and the service light flickers
- **Alert type:** lets you specify how you are informed of any incoming messages.
 - **Tone:** the phone rings using the tone selected via the **Tone** option(see above) and the service light flickers in rhythm.
 - **Vibration:** the phone vibrates but does not ring.
 - **Vibration then tone:** the phone first vibrates. And then the phone rings and the service light flickers in rhythm.
 - **Light only:** only the service light flickers the phone neither rings nor vibrates.
- **Repetition:** allows you to specify how often the phone informs you of a new message. You can choose either **Once** or **Periodic**.



Power On/Off (Menu 6.1.3)

This option allows you to select the melody that the phone sounds when you switch it on or off.

You can choose either **Basic** or **Cheerful**. To turn the sound off, select **Off**.

Connection Tone (Menu 6.1.4)

This menu option allows you to specify whether or not the phone beeps when the phone connects to the network.

The following options are available:

- Off: the phone does not beep.
- On: the phone beeps when your call is accepted.



Key Tone (Menu 6.1.5)

This menu option allows you to select the tone that the keypad sounds when you press a dial key.

The following options are available:

- Off: the keys do not make any sound.
- Piano/Drum: each key, when pressed, makes a different sound like playing the piano or the drum.

To adjust the key tone volume, press the volume keys on the left side of the phone in Idle Mode.

Quiet Mode (Menu 6.1.6)

When you hold the key down in Idle Mode, the phone switches to the Quiet Mode. You can specify whether the phone vibrates or mutes when in the Quiet Mode.

The following options are available:

- Vibration: the phone vibrates rather than rings in the Quiet Mode.
- Mute: the phone mutes sound settings in the Quiet Mode.



Private no. filter (Menu 6.1.7)

Only an incoming message is displayed without the bell for anonymous calls(incoming calls without Caller ID).



VIP filter has higher priority than Private no. filter. Therefore, if both VIP and Private no. filter features are enabled, only VIP filter function will operate.

Display (Menu 6.2)

You can change the background image and the color of the components on the display according to your preference and needs.

Wallpaper (Menu 6.2.1)

This option allows you to change the background image to be displayed in Idle Mode.



The following options are available:

- Animations: allows you to select one of the animations.
- Images: allows you to select one of the images in the **Images** in the Images & Sounds menu.
- Text position: allows you to select the position of the text displayed on the idle screen, such as the operator's name, current date and time, and text notifications of missed calls or new messages. Choose either **Top** or **Bottom**. If you set this option to **Off**, your phone displays only the wallpaper image.
- Text style: allows you to set the style of the text displayed on the idle screen.



When you set the wallpaper image to **Calendar**, the Text position and Text style options don't work.



Skin (Menu 6.2.2)

You can change the color setting of the display components, such as soft key indications area or the menu names and icons.

Backlight (Menu 6.2.3)

You can specify how long the phone uses the backlight.
Select how long the backlight remains on after the last key is pressed.

LCD Contrast (Menu 6.2.4)

This option allows you to adjust the brightness of the display screens to make them lighter or darker.

1. Adjust the contrast by using the Navigation keys(up and down) or the volume keys on the left side of the phone.
2. When you are satisfied, press the **OK** soft key to save the selection.



Time & Date settings (Menu 6.3)

This option allows you to change the current time and date displayed. You can also check the current time for Greenwich Mean Time(GMT) and 21 major cities around the world.

The following options are available:

- Set time: allows you to enter the current time. You can choose the time format in the **Set format** menu option.



Before setting the time, you must specify your time zone in the Set world time menu option.

- Set date: allows you to enter the day, month and year. You can change the date format in the Set format menu option.
- Set world time: allows you to check the current time in GMT and 21 major cities around the world. Scroll through the cities using the Navigation keys.

The screen shows the:



- city name.
- current date and time.
- time difference between the selected city and your city if you have set the local time(see below) or GMT(by default).



To select your time zone:

1. Select the city corresponding to your time zone by pressing the Navigation keys(left or right) one or more times. The local date and time display.
2. Press the **Set** soft key.
3. Press the key as follows.

To	Press the
update the current date/time with this new setting	Set local.
indicate that the time zone is currently using the daylight saving time	Set DST. The icon is shown next to the time difference.
indicate that the time zone is no longer using the daylight saving time	Remove DST (only available when the icon is shown next to the time difference).

4. When you have finished, press the  soft key or the  key to exit.



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- Set format: allows you to change the time and date formats.
 - Time format: 24 hours
12 hours
 - Date format: DD/MM/YYYY(day/month/year)
YYYY/MM/DD(year/month/day)
- Time Sync: Allows you to set the current time by means of the NTP.
 - Start Time Sync: Requests the Time Sync. Status information to the NTP server immediately.
 - Time Sync. Status: Determines the status of Time Synchronization.
 - ① Off: Default. Time Sync. is not set.
 - ② On: Time Sync. is set.
 - Time Sync. Server: Sets the NTP server for Time Sync. If, for example, time.bora.net (or 203.248.240.103) or ntp1.jst.mfeed.ad.jp(or 210.173.160.27) is set as the domain name, DNS IP addr. in IP settings of the Network settings menu should be set.
 - Time Sync. Period: Time Synchronization Sets the period of Time Synchronization(unit: hour)




Phone settings (Menu 6.4)

Greeting Message (Menu 6.4.1)

This menu option allows you to set a greeting message to be displayed briefly when the phone is switched on.

When you access this menu, the current message displays. Press the key as follows.

To	Press the
clear the existing message	C key and hold it down.
enter a new message	appropriate alphanumeric keys.
save your input	OK soft key.
cancel your input and return to Idle Mode	 key.

For further information on how to enter text, see 'Entering Text' section of this guide.



Language (Menu 6.4.2)

You can select a different language for the display text and text input modes. The following options are available:

Text language

This option allows you to change the language of the display text, such as menus, options or warning messages.

Input mode

allows you to set the default language to be used in the text input mode.

SMT-W6100 supports 5 different language set in the Text language and Input mode menu. The supported languages are English, German, Italian, French, Spanish.



Auto Keylock (Menu 6.4.3)

You can set the phone to automatically lock the keypad and volume keys if no key is pressed within a given amount of time. This feature is useful to avoid pressing keys by accident. To use this feature, select the length of time for which the phone waits before it locks the keypad and volume keys.

15 sec, **30 sec**, **1 Min** and **2 Min** are available.



If you don't want to use this feature, select **Off**.



You can manually lock the keypad and volume keys. For further details, see 'Locking or Unlocking the Keypad' section of this guide.

Anykey Answer (Menu 6.4.4)

You can answer incoming calls by pressing any key or not.

- Off: you can only press  or the **Accept** soft key to answer incoming calls.
- On: you can press any key, except  and the **Reject** soft key to answer incoming calls.




Service light (Menu 6.4.5)

You can turn off or turn on the service light.


Service light is flickering periodically to show the phone is available to service.

Direct call (Menu 6.4.6)

This function allows children and elderly persons to make an urgent call should an emergency occur by pressing any key, excluding the Off soft key and Info soft key. to dial a predefined number.

- OK: You can insert the phone number which you want to make a direct call.
- Off: Press the  soft key while in Idle mode.



If the Direct call function is activated, you can verify predefined numbers by pressing the  soft key.



Network settings (Menu 6.5)

Network selection(Menu 6.5.1)

You can select another network while using a WIP phone.

- Scanning network: You can select a accessible network from the scanned network list. If you choose one of the network from the list, you can show some information for the selected network.(e.g., Comms quality, Encryption mode and MAC address of SSID). At this time, you can select SSID using **OK** soft key, and move back to the scanned network list screen pressing the back soft key.
- Input SSID: You can select an encrypted AP by entering SSID.
- Network type: Selects the use of the filter function when searching AP SSID.
(If, for example, 'Samsung' is used in the filter, only the AP SSIDs with 'Samsung' as its prefix are displayed among the AP SSID list.)



Wi-Fi Security Settings (Menu 6.5.2)

SMT-W6100 can automatically detect the security mode of AP from probe response message and associate with selected AP. SMT-W6100 also supports 'Security Mode' to set security mode of STA manually by setting following parameters.

- Security mode: Manual SetChange WiFi security Mode(WPA, 802.11i(WPA2)) On/Off.
If Security Mode is set to OFF, all below parameters are not allowed to access.
- WPA type: You can select one of Security types, WPA, 802.11i(WPA2)
- Pairwise key encryption: You can select the encryption method of unicast data, TKIP or AES-CCMP
If user selected security type as WPA, TKIP is only
- Group key encryption: You can select the encryption method of unicast data, TKIP or AES-CCMP.
If user selected security type as WPA, TKIP is only
- Authentication: You can select the authentication method of STA, OPEN or OPEN with EAP.
- EAP type: You can select the EAP authentication method of STA, TLS, TTLS or PEAP
- EAP sub-type: When eap type TTLS or PEAP is selected, user can select a EAP tunneled authentication method of STA such as PAP, CHAP, MSCHAP and MSCHAPv2
- Private key PW(TLS): If TLS is selected as the EAP authentication method, user shall insert the password of user private key which is used to generate user certificate.
- EAP ID: If one of the EAP type is selected, user shall insert a eap id registered in authentication server.
- EAP Password: If one of the EAP type is selected, user shall insert the password of eap id registered in authentication server.



IP Settings (Menu 6.5.3)

This menu allows you to set the IP related information of phone.

- IP Address: You can check and set the IP Address of phone.
- Gateway: You can check and set the Gateway of phone.
- Netmask: You can check and set the Netmask of phone.
- DNS IP addr.: You can check and set the IP of DNS Server.



If the setting related to the IP is changed, you have to reboot the phone.



VoIP Settings (Menu 6.5.4)

This menu allows you to set the VoIP and SIP related information.

- Service domain name: You can set the Domain name of Proxy server, which used in the SIP request URI.
- Service domain port: You can set the signaling Port of Proxy server, which used in the SIP request URI.
- Expire time: You can set the registration time of SIP server. It is the expiration time when not registered for a certain period time.
- Proxy IP addr.: You can set the IP of SIP Proxy server or Domain name. If Domain name is entered, it executes DNS Query while sending message. If Service domain name is not set, Proxy IP will be set as same as the request URI.
- Proxy port: You can set the Port of SIP Proxy server. If the Service domain Port is not set, Proxy Port will be set as same as the signaling Port.
- My SIP port: You can set the Port used in the SIP protocol.
- My RTP port: You can set the UDP Port for RTP.
- My RTP codec: You can set the voice Codec type.
- support codec type: G711Alaw, G711ulaw, G729a, G729, G723.1
- SIP auth. user: You can set the User ID to connect to the SIP Server.
- SIP auth. passwd: You can enter the user password to connect to the SIP Server.





If the setting related to the VoIP is changed, you have to reboot the phone.



Phone can be malfunctioning if value of Timer Setting, Jitter Setting, Param1 Setting, Param2 Setting, Param3 Setting, and Param4 Setting are changed.

DHCP Settings (Menu 6.5.5)

You can set whether to use the DHCP function.



Security Settings (Menu 6.6)

The security settings enable you to restrict the use of your phone to the people and types of calls of your choice.

Various codes and passwords are used to protect the features of your phone. For more information, see 'Access Codes' section of this guide.

PIN Check (Menu 6.6.1)

This feature is usable only when SIM is inserted in Wi-Fi phone.

When the PIN(Personal Identification Number) Check feature is enabled, you must enter your PIN each time you switch the phone on. Consequently, any person who does not have your PIN cannot use your phone without your approval.



Before disabling the PIN Check feature, you must enter your PIN.



The following options are available:

- **Disable:** the phone connects directly to the network when you switch it on.
- **Enable:** you must enter the PIN each time the phone is switched on.

To change your PIN, see the **Change PIN** menu option.

Change PIN (Menu 6.6.2)

This feature allows you to change your current PIN to a new one, provided that the PIN Check feature is enabled. You must enter the current PIN before you can specify a new one.

Once you have entered a new PIN, you are asked to confirm it by entering it again.

Change Password (Menu 6.6.3)

This feature allows you to change your current phone password to a new one. You must enter the current password before you can specify a new one.

The password is preset to '00000000' at the factory. Once you have entered a new password, you are asked to confirm it by entering it again.



Privacy (Menu 6.6.4)

This feature allows you to lock or unlock the usage of the contents, such as multimedia messages, photos, images and sounds.

If you enable the privacy feature, you have to input the phone password to access the privacy contents.

To enable or disable the Privacy feature, you must enter your phone password.

Reset (Menu 6.7)

This menu option allows you to reset your phone to its default configuration. You can reset the sound settings, phone settings delete all messages or all of the settings together.

1. Select one of the settings to reset by pressing the **Select** soft key.
2. When a confirming message appears, press the **Yes** soft key to reset settings. Then enter the phone password and press the **OK** soft key.
The password is preset to '00000000' by default. To change it, see 'Change Password(Menu 5.6.3)' section of this guide. Otherwise, press the **No** soft key.



Network Services

Network Services menu offers the network services.

Please contact your service provider to check their availability and subscribe to them, if you wish.

Caller ID (Menu 7.1)

You can prevent your phone number from being displayed on the phone of the person being called.



Some networks do not allow the user to change this setting.

The following options are available:

- Show number: your number is sent each time you make a call.
- Hide number: your number does not display on the other person's phone.



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Call diverting (Menu 7.2)

The call divert options may be different depending on your SIM card and those not supported by your network operator may not be shown.

This network service enables incoming calls to be rerouted to the number that you specify.

Example: You may wish to divert your business calls to a colleague while you are on holiday. Call diverting can be set up in the following ways:

- All voice calls: all calls are diverted.
- If Busy: calls are diverted if your phone is engaged on another call.
- If not answered: calls are diverted if you do not answer the phone.

You can specify individual call diverting options for each of the following call types:

- Voice calls only
- Data calls only(not available when line 2 is in use)

Example: You can:

- divert voice calls to your colleague if you are already using the phone.

Setting Call Diverting Options

1. Select the type of call diverting by pressing the Up or Down key and then press the **Select** soft key.



2. Select the type of calls to be diverted by pressing the Up or Down key and then press the **Select** soft key.
3. Press the **Activate** soft key to confirm your settings.
4. Enter the number to which the calls are to be diverted.
To enter an international code, hold down the **0** key until the + sign displays.
You can also select a number in Phonebook or the voice mail server number, by pressing the **Options** soft key, followed by **Phonebook** or **Voice server**.
5. When you are satisfied, press the **OK** soft key.
The phone sends your settings to the network and the network's acknowledgement displays.

Deactivating Specific Call Diverting Options

1. Select the call diverting option to be deactivated.
2. Select the type of calls to which this option applies.
3. Press the **Remove** soft key.

The phone sends your settings to the network and the network's acknowledgement displays.
You can also deactivate all call diverting options by selecting the **Cancel all** option.



TROUBLESHOOTING

Possible problems and troubleshooting steps for your phone are described below. Check the troubleshooting steps before contacting your Authorized Samsung Reseller.



The LCD does not light up.

Battery is discharged. Recharge the battery and turn the phone on again.



The bell does not ring or the ring sound is too small.

- Check if the phone is set to Quiet Mode.
- Adjust the volume using the Volume key.
- Check if VIP filter or Private no. filter is enabled.



The battery is not discharged but the phone does not turn on.

- Take the battery out and put it in again, and turn the phone on.
- Take the battery out, clean the charging terminals of the battery. Then put the battery back in, and turn the phone on.





Voices echo during a call.

Press the Volume key and adjust the volume or move to another area.



The indicator appears on screen and calls cannot be made.

- Your phone may not be registered on the system. Use the phone after registration.
- Move to an area where service can be provided.
- If the phone does not work despite the above measures, contact the Samsung Electronics service center.



Calls are disconnected frequently.

- Move to another area since the frequency is unstable.
- If calls are still disconnected frequently, contact the Samsung Electronics service center.



The phone operates abnormally or does not operate at all.

Take the battery out and insert it again, and turn the phone on again. If the problem continues, contact the Samsung Electronics service center.





No light in the battery charger while recharging the battery.

- Try to recharge after cleaning the connecting parts of the phone and the battery charger.
- If the battery charger does not work despite the above measures, contact the Samsung Electronics service center.



ANNEX

Health and Safety Information

Exposure to Radio-Frequency Energy (SAR Information)

This phone meets European Union(EU) requirements concerning exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured, so as not to exceed the limits for exposure to radio-frequency(RF) energy, as recommended by the EU Council.

These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organizations through the periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as SAR(Specific Absorption Rate). The SAR limit recommended by the EU Council is 2.0 W/kg.



The Highest SAR Value for this model phone was 0.842 W/kg/.



The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR values may vary depending on national reporting requirements and the network band.

SAR tests are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a new model phone is available for sale to the public, compliance with the European R & TTE Directive must be shown. This directive includes as one of its essential requirements the protection of the health and safety of the user and any other person.



Precautions When Using Batteries

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power: talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time(talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0°C(32°F).



- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object(coin, clip or pen) causes a direct connection between the + and - terminals of the battery(metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Operating Environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position.



Electronic Devices

Most modern electronic equipment is shielded from radio frequency(RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm(6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on.
- should not carry the phone in a breast pocket.
- should use the ear opposite the pacemaker to minimize potential interference.

If you have any reason to suspect that interference is taking place, switch off your phone immediately.



Hearing Aids

Some digital wireless phones including Wi-Fi phone may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Posted Facilities

Switch off your phone in any facility where posted notices require you to do so.



Potentially Explosive Atmospheres

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone while at a refueling point(service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots(fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas(such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.



Other Important Safety Information

- Only qualified personnel should service the phone. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Care and Maintenance

- Keep the phone and all its parts and accessories out of the reach of small children's.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.



- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.



Glossary

To help you understand the main technical terms and abbreviations used in this booklet and take full advantage of the features of your mobile phone, here are a few definitions.

EMS (Enhanced Message Service)

Network service sending and receiving messages that include images, sounds and animations to and from another user without having to speak to the correspondent.

MMS (Multimedia Message Service)

A message service for the mobile environment, standardized by the WAP Forum and the 3rd Generation Partnership Program(3GPP). For phone users, MMS is similar to Short Message Service(SMS)-it provides automatic, immediate delivery of user-created content from phone to phone. The message addressing used is primarily phone numbers, thus the traffic goes from phone to phone. MMS also provides support for e-mail addressing, so that messages can also be sent by e-mail. In addition to the text content of SMS, MMS messages can contain still images, voice or audio clips, and later also video clips and presentation information.



PIN (Personal Identification Number)

Security code that protects the phone/SIM against unauthorized use. The PIN is supplied by the service provider with the SIM card. It may be a four to eight-digit number and can be changed, as required.

PUK (PIN Unblocking Key)

Security code used to unlock the phone when an incorrect PIN has been entered three times in succession. The eight-digit number is supplied by the service provider with the SIM card.

SIM (Subscriber Identification Module)

Card containing a chip with all the information required to operate the phone(network and memory information, as well as the subscriber's personal data). The SIM card fits into a small slot on the back of the phone and is protected by the battery.

SMS (Short Message Service)

Network service sending and receiving messages to and from another subscriber without having to speak to the correspondent. The message created or received can be displayed, received, edited or sent.



Soft Keys

Two keys marked and on the phone, the purpose of which:

- varies according to the function that you are currently using
- is indicated on the bottom line of the display just above the corresponding key

Voice Mail

Computerized answering service that automatically answers your calls when you are not available, plays a greeting (optionally in your own voice) and records a message.



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